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Some criticism has been made of the suggestion of installing chemical closets in the living rooms of the home, but this is believed to be more a matter of esthetics than of health and, with proper safeguards as to ventilation, no reasonable objection can be raised against the practice upon sanitary grounds. Neither is it necessary to take into consideration questions of costs of installation and of operation, as these are matters which will be weighed in each individual case against convenience and comfort. It is obvious that the cheaper the installation which will comply with all public health and esthetic requirements the more general will be its adoption.

In brief then, everything depends upon the sufficiency of the disinfection and the means of final disposal. No system should be installed or recommended for installation in the absence of definite and satisfactory evidence that the treatment proposed will in fact destroy pathogenic bacteria and, in those sections of the country where hookworm disease is prevalent, the eggs and larvæ of hookworms. While the design and satisfactory operation of such a device is quite possible, its general adoption ought not to be recommended without giving the fullest consideration to the possibilities of mismanagement and it is believed that whatever means are adopted for final disposal, these should be so safeguarded that the almost inevitable failure at times of the chemical toilet may not result in serious danger to the health of those affected.

STATE AND INSULAR HEALTH AUTHORITIES.

Directories of the State and insular health authorities of the United States for the years 1912, 1913, 1914, 1915, and 1916 have been published in the Public Health Reports ¹ for the information of health officers and others interested in public-health activities.

The following directory for 1917 has been compiled from data furnished by the respective State and insular health officers.

Full-time officers are indicated by an asterisk (*). For the purpose of this directory, a full-time officer is defined as a person "not engaged in the private practice of medicine or in any other business, but devoting all his time to official duties."

ALABAMA.

Board of censors of the State medical association acting as a committee of public health:

S. W. Welch, M. D., chairman, Montgomery.
W. H. Sanders, M. D., Montgomery.
Glenn Andrews, M. D., Montgomery.
V. P. Gaines, M. D., Mobile.
S. G. Gay, M. D., Selma.
L. W. Johnston, M. D., Tuskegee.
C. A. Mohr, M. D., Mobile.
D. F. Talley, M. D., Birmingham.

ALABAMA—Continued.

Board of censors State medical association—Con.

I. L. Watkins, M. D., Montgomery.

B. L. Wyman, M. D., Birmingham.

Executive health officer:

* S. W. Welch, M. D., State health officer, Montgomery.

Registrar of vital statistics:

* H. G. Perry, M. D., Montgomery.

State laboratory:

* B. L. Arms, M. D., director, Montgomery.

¹ Reprints Nos. 83, 123, 190, 268, and 344 from the Public Health Reports.

ALABAMA—Continued.**Sanitary engineer:**

* J. V. Donley, Montgomery.

Rural sanitation:

* P. P. Salter, M. D., field director, Montgomery.

State prison inspector:

* W. W. Dinsmore, M. D., Montgomery.

Appropriation for fiscal year ending Sept. 30, 1917, \$26,200.

Publication issued by health department:

Annual report.

ALASKA.**Governor and ex officio commissioner of health:**

J. F. A. Strong, Juneau.

Appropriation for fiscal year ending Mar. 31, 1917, \$25,000.

ARIZONA.**Board of health:**

Thomas E. Campbell, governor, president, Phoenix.

Wiley E. Jones, vice president, Phoenix.

J. Bernard Nelson, M. D., secretary, Phoenix.

Executive health officer:

J. Bernard Nelson, M. D., State superintendent of public health, Phoenix.

Appropriation for fiscal year ending June 30, 1917, \$4,700.

Publications issued by health department:

Quarterly bulletin.

Biennial report.

ARKANSAS.**Board of health:**

J. T. Clegg, M. D., president, Siloam Springs.

C. W. Garrison, M. D., secretary, Little Rock.

B. A. Fletcher, M. D., Augusta.

C. F. Crosby, M. D., Heber Springs.

H. R. Webster, M. D., Texarkana.

H. L. Montgomery, M. D., Gravelly.

S. A. Southall, M. D., Lonoke.

F. O. Mahony, M. D., El Dorado.

Executive health officer:

* C. W. Garrison, M. D., secretary and State health officer, Little Rock.

Bureau of vital statistics:

* Miss Nell P. Smart, chief clerk, Little Rock.

Hygienic laboratory:

* A. C. Shipp, M. D., director, Little Rock.

Chief hotel inspector:

* E. R. Wiles, Little Rock.

Appropriations for biennial period ending Mar. 31, 1919:

Executive department—salaries and miscellaneous.....	\$11,300
Vital statistics bureau—salaries and miscellaneous.....	10,680
Bureau of sanitation—maintenance....	10,000
	<hr/>
	31,980

Other sources of revenue:

Fees for marriage licenses, 50 cents each, are deposited in the State treasury to maintain the Central Bureau of Vital Statistics.

License fees for hotels, restaurants, and rooming houses are deposited in the State treasury to maintain the Bureau of Sanitation.

CALIFORNIA.**Board of health:**

George E. Ebright, M. D., president, San Francisco.

Fred F. Gundrum, M. D., vice president, Sacramento.

Wilbur A. Sawyer, M. D., secretary, Sacramento.

Wm. Le Moyne Wills, M. D., Los Angeles.

Edward F. Glaser, M. D., San Francisco.

Adelaide Brown, M. D., San Francisco.

Robert A. Peers, M. D., Colfax.

Executive health officer:

* Wilbur A. Sawyer, M. D., secretary State board of health, Sacramento.

Attorney for board of health:

Kemper B. Campbell, Los Angeles.

Bureau of administration:

* L. B. Mallory, director, Sacramento.

Bureau of vital statistics:

* George D. Leslie, director, Sacramento.

Bureau of registration of nurses:

* Anna C. Jamme, R. N., director, Sacramento.

Bureau of tuberculosis:

* Edith L. M. Tate, director, Sacramento.

Bureau of foods and drugs:

* Erwin J. Lea, director, Berkeley.

Bureau of communicable diseases:

* James G. Cumming, M. D., director, Berkeley.

Bureau of sanitary engineering:

* Chester G. Gillespie, director, Berkeley.

Appropriations for biennial period ending June 30, 1919:

Traveling and contingent expenses....	\$38,880
Tuberculosis.....	125,000
Pure food and drugs.....	65,000
Hygienic laboratory.....	55,000
Antirabic virus.....	
Stenographic services.....	2,400
Printing.....	10,000
Contagious diseases.....	75,000
Sanitary engineering.....	45,000
Statutory salaries (from general appropriation).....	47,800
Support of 6 district health officers, at \$3,000, expenses, etc.....	55,000
	<hr/>
	519,080

Other sources of revenue:

Fees for registration of nurses (\$10 each).

Licensing of cold-storage warehouses (rated according to capacity).

Fees for certified copies of records.

Licensing plumbers.

Fiscal year ends June 30.

Publications of health department:

Biennial report.

Monthly bulletin.

COLORADO.**Board of health:**

L. G. Crosby, M. D., president, Denver.

C. G. Hickey, M. D., vice president, Denver.

Erlo E. Kennedy, M. D., secretary, Denver.

A. W. Scott, Fort Collins.

Frank R. Coffman, M. D., Denver.

* Full-time officer.

COLORADO—Continued.

Board of health—Continued.

Wm. H. Sharpley, M. D., Denver.
A. C. McCain, M. D., Ault.
Chas. A. Bundsen, M. D., Denver.
C. O. Booth, M. D., Cheyenne Wells.

Executive health officer:

Erlø E. Kennedy, M. D., secretary and executive officer, Denver.

Pure food and drug commissioner:

* S. R. McKelvey, M. D., Denver.

Bacteriologist:

W. C. Mitchell, M. D., Denver.

Medical inspector:

* J. W. Morgan, M. D., Denver.

Appropriations for fiscal year ending Nov. 30, 1917:

Salaries.....	\$16,600
Laboratory equipment, supplies, and expenses.....	450
Bulletin.....	400
Traveling expenses.....	2,500
	<hr/> 19,950

CONNECTICUT.

Public health council:

Edward K. Root, M. D.
Lewis Sperry.
C. E. A. Winslow, M. S.
Walter H. Brown, M. D.
J. Frederick Jackson, C. E.
James A. Newlands, B. S.

Executive health officer:

John T. Black, M. D., commissioner of health, Hartford.

Laboratory director:

Sanitary engineering director:

Preventable diseases director:

Vital statistics director:

Appropriations for fiscal year ending Sept. 30, 1918:

General expenses.....	\$18,900
Laboratory.....	13,000
Antitoxin.....	6,200
Spring water investigation.....	500
Salary, commissioner.....	4,000
Special, factory wastes.....	12,500
	<hr/> 55,100

Other sources of revenue:

Medical practice, registration fees.
Spring water, license fees.

Publications issued by health department:

Monthly bulletin.
Annual vital statistics report.
Biennial report of State department of health.

DELAWARE.

Board of health:

Wm. P. Orr, M. D., president, Lewes.
A. E. Frantz, M. D., secretary, Wilmington.
J. W. Clifton, M. D., Smyrna.
W. F. Haines, M. D., Seaford.
J. A. Draper, M. D., Wilmington.
C. A. Ritchie, M. D., Wilmington.
L. S. Conwell, M. D., Camden.

Executive health officer:

A. E. Frantz, M. D., secretary and executive officer, Wilmington.

Pathologist and bacteriologist:

*Herbert J. Watson, Newark.

Appropriations for fiscal year ending Dec. 31, 1917:

State board of health.....	\$2,500
Laboratory.....	4,000
Vital statistics.....	2,000
Diphtheria antitoxin.....	500
	<hr/> 9,000

DISTRICT OF COLUMBIA.

Executive health officer:

Wm. C. Woodward, M. D., health officer, Washington.

Assistant health officer:

*John L. Norris, M. D., Washington.

Chief clerk and deputy health officer:

*Arthur G. Cole, Washington.

Contagious-disease service:

Wm. C. Fowler, M. D., chief, Washington.

Bacteriologist:

J. J. Kinyoun, M. D., Washington.

Chemist:

M. A. Pozen, B. S., Phar. D., Washington.

Chief sanitary inspector:

*Charles R. Holman, Washington.

Chief food inspector:

Reid R. Ashworth, D. V. S., Washington.

Chief medical and sanitary inspector of schools:

*Joseph A. Murphy, M. D., Washington.

NOTE.—All of the above-named officers of the District of Columbia Health Department are full time to the extent that they perform seven hours or more a day duty, the full measure of service fixed by law.

Appropriations for fiscal year ending June 30, 1917:

Salaries.....	\$68,040
Prevention of communicable diseases..	30,000
Disinfecting service.....	6,060
Isolation wards at hospitals.....	12,000
Milk inspection and regulation.....	7,000
Miscellaneous.....	12,200
	<hr/> 135,240

Publications issued by health department:

Weekly report of health officer.
Annual report of health officer.
Monthly statement of average grade of milk sold.

*Full-time officer.

FLORIDA.**Board of health:**

Charles T. Frecker, president, Tampa.
Ed. M. Ernest, Palatka.
J. E. Graves, DeFuniak Springs.

Executive health officer:

W. H. Cox, M. D., State health officer, Tampa.

Scientific secretary:

Hiram Byrd, B. S., M. D., Jacksonville.

Bureau of vital statistics:

F. L. Watkins, M. D., statistician, Jacksonville.

Bureau of sanitary engineering:

George W. Simons, jr., chief, Jacksonville.

Bureau of child hygiene:**Bureau of communicable diseases:****Appropriation for health department:**

One-half mill tax levied upon the assessable property of the State.

Fiscal year ends Dec. 31.

Publication issued by health department:

Monthly bulletin.

GEORGIA.**Board of health:**

Howard J. Williams, M. D., president, Macon.
W. H. Dougherty, jr., M. D., vice president, Augusta.

H. F. Harris, M. D., secretary, Atlanta.

W. W. Owens, M. D., Savannah.

A. D. Little, M. D., Thomasville.

B. C. Teasley, M. D., Hartwell.

A. L. Crittenden, M. D., Shellman.

James H. McDuffie, M. D., Columbus.

Robert F. Maddox, Atlanta.

W. L. Funkhouser, M. D., Rome.

Giles Hathcock, M. D., Lula.

J. L. Walker, M. D., Waycross.

M. S. Brown, M. D., Fort Valley.

M. L. Brittain, State superintendent of schools, Atlanta.

Peter F. Bahnsen, State veterinarian, Atlanta.

Executive health officer:

H. F. Harris, M. D., secretary and director of laboratories, Atlanta.

Laboratories:

*Katharine R. Collins, M. D., assistant director; director of antitoxin department, Atlanta.

Bacteriological department:

*L. T. Pattillo, M. D., director, Atlanta.

Pasteur department:

*C. B. Greer, M. D., director, Atlanta.

Water analysis department:

*Ray C. Werner, B. S., director, Atlanta.

Appropriation for fiscal year ending Dec. 31, 1917, \$30,500.

Publication issued by health department:

Quarterly bulletin.

HAWAII**Board of health:**

J. S. B. Pratt, M. D., president, Honolulu.
I. M. Stainback, attorney general, Honolulu.
W. C. Hobdy, M. D., Honolulu.
C. J. Campbell, Honolulu.

HAWAII—Continued.**Board of health—Continued.**

John Markham, Honolulu.

G. J. Waller, Honolulu.

George Denison, Honolulu.

Executive health officer:

*J. S. B. Pratt, president, Honolulu.

Bacteriologist:

*A. K. Hanchett, M. D., Honolulu.

Tuberculosis bureau:

*L. L. Patterson, M. D., director, Honolulu.

Food commissioner and analyst:

*A. W. Hansen, Honolulu.

Oahu Insane Asylum:

*W. A. Schwallie, M. D., superintendent, Honolulu.

Leper settlement:

*J. D. McVeigh, superintendent, Kalaupapa, Molokai.

Appropriations for fiscal year ending June 30, 1918:

General expenses	\$21,100
Sanitation	44,580
Pure food	7,500
Bacteriological bureau	2,820
Quarantine and medical service	57,200
Rat campaign	10,000
Mosquito campaign	13,750
Tuberculosis	82,500
Care of lepers and their children	229,840
Care of insane	81,040
	<hr/> 550,330

Publication issued by health department:

Annual report of president.

IDAHO.**Board of health:**

W. R. Hamilton, M. D., president, Weiser.

Edward T. Biwer, M. D., secretary, Boise.

T. A. Walters, attorney general, Boise.

J. H. Smith, State engineer, Boise.

B. O. Clark, M. D., Emmett.

Executive health officer:

*Edward T. Biwer, M. D., secretary and registrar, Boise.

Dairy, food, and sanitary inspector:

J. K. White, Boise.

Bacteriologist:

Emmy L. Moshage, M. D., Boise.

Chemist:

H. Louis Jackson, Boise.

Appropriations for biennial period ending Jan. 1, 1919:

State board of health	\$9,195
Bacteriological laboratory	7,460
Chemical laboratory	5,800
Vital statistics	1,200
Dairy, food, and sanitary inspection	19,340
	<hr/> 42,995

Fiscal year ends January 1.

ILLINOIS.**Board of health:**

John A. Robison, M. D., president, Chicago.

C. St. Clair Drake, M. D., secretary, Springfield.

T. B. Lewis, M. D., Hammond.

*Full-time officer.

ILLINOIS—Continued.**Board of health—Continued.**

T. O. Freeman, M. D., Mattoon.
R. D. Luster, M. D., Granite City.
E. S. Spindel, M. D., Springfield.

Executive health officer:

*C. St. Clair Drake, M. D., secretary and executive officer, Springfield.

Registrar of vital statistics:

George Thomas Palmer, M. D., Springfield.

Bacteriologist:

George F. Sorgatz, M. D., Springfield.

Epidemiologist:

E. S. Godfrey, M. D., Springfield.

Chief dairy inspector:

Paul Skoog, Springfield.

Chief lodging-house inspector:

George Delvigne, Chicago.

Sanitary engineering bureau:

Paul Hansen, chief engineer, Springfield.

Appropriations for fiscal year ending June 30, 1917:

State board of health.....	\$95,954
Vital statistics.....	5,500
Laboratory and extensions.....	8,215
Dairy inspection.....	5,100
Lodging-house inspection.....	11,425
Sanitary engineering.....	10,850
Epidemiologist.....	17,600
	<hr/> 154,644

Publication issued by health department:

Monthly bulletin.

INDIANA.**Board of health:**

Chas. B. Kern, M. D., president, Lafayette.
Hugh A. Cowing, M. D., vice president, Muncie.
J. N. Hurty, M. D., secretary, Indianapolis.
J. A. Hewitt, M. D., Terre Haute.
James S. Boyers, M. D., Decatur.

Executive health officer:

*J. N. Hurty, M. D., State health commissioner, Indianapolis.

Division of statistics:

*Charles A. Carter, M. D., superintendent, Indianapolis.

Division of bacteriology and pathology:

*Will Shimer, M. D., superintendent, Indianapolis.

Pasteur laboratory:

*R. J. Anderson, M. D., superintendent, Indianapolis.

Division of food and drugs:

*H. E. Barnard, Ph. D., State food and drug commissioner, Indianapolis.

Water and sewage laboratory:

*J. C. Diggs, superintendent, Indianapolis.

Division of child and school hygiene:

*Wm. F. King, M. D., superintendent, Indianapolis.

Division of epidemiology:

*H. H. Mitchell, M. D., superintendent, Indianapolis.

INDIANA—Continued.**Appropriations for fiscal year ending Sept. 30, 1917:**

Salaries (specific).....	\$4,500.00
State board of health office.....	30,000.00
Laboratory of hygiene.....	10,000.00
Laboratory pure food and drugs.....	20,000.00
Water laboratory.....	5,000.00
Weights and measures.....	10,000.00
Cold storage fund.....	430.00
Hydrophobia fund.....	8,084.76
Special for baby book.....	5,000.00
	<hr/> 93,014.76

Publication issued by health department:

Monthly bulletin.

IOWA.**Board of health:**

Walter L. Biering, M. D., president, Des Moines.
Henry A. Dittmer, M. D., vice president, Manchester.
Guilford H. Sumner, M. D., secretary, Des Moines.
Lafayette Higgins, sanitary engineer, Des Moines.
George F. Severs, M. D., Centerville.
Clinton E. Harris, M. D., Grinnell.
W. L. Harding, governor, Des Moines.
W. S. Allen, secretary of state, Des Moines.
F. S. Shaw, State auditor, Des Moines.
W. C. Brown, State treasurer, Des Moines.
A. H. Davison, secretary appointing board and executive council, Des Moines.

Executive health officer:

*Guilford H. Sumner, M. D., secretary-executive officer and State health commissioner, Des Moines.

Laboratories:

Henry Albert, M. D., director, Iowa City.
Mark F. Boyd, M. D., epidemiologist, Iowa City.

Appropriations for fiscal year ending June 30, 1917:

State board of health work.....	\$5,000
Bacteriological laboratory.....	6,000
Antitoxin department.....	2,000
Vital statistics.....	2,000
	<hr/> 15,000

The above does not include special appropriation for clerical assistance.

Publications issued by health department:

Biennial report.
Quarterly bulletin.

KANSAS.**Board of health:**

W. M. Earnest, M. D., president, Washington.
J. T. Axtell, M. D., vice president, Newton.
M. O. Locke, attorney, Topeka.
S. J. Crumblin, M. D., secretary, Topeka.

*Full-time officer.

KANSAS—Continued.**Board of health—Continued.**

C. H. Ewing, M. D., Larned.
H. L. Aldrich, M. D., Caney.
O. C. Baird, M. D., Chanute.
Clay E. Coburn, M. D., Kansas City.
C. H. Lerrigo, M. D., Topeka.
Jessie T. Orr, M. D., Olathe.
O. D. Walker, M. D., Salina.

Executive health officer:

S. J. Crumbine, M. D., secretary and executive officer, Topeka.

Division of vital statistics:

*W. J. V. Deacon, M. D., State registrar, Topeka.

Division of communicable diseases and sanitation:

*J. J. Sippy, M. D., epidemiologist, Topeka.

Division of foods and drugs:

L. A. Congdon, assistant chief food and drug inspector, Topeka.

Division of child hygiene:

*Lydia A. DeVilbiss, M. D., chief, Topeka.

Division of water and sewage:

Prof. C. A. Haskins, chief, Lawrence.

Division of public health education:

S. J. Crumbine, M. D., director, Topeka.

Water and sewage laboratories at Kansas University:

Prof. C. C. Young, director, Lawrence.

Food laboratory at Kansas University:

Prof. E. H. S. Bailey, director of food analyses, Lawrence.

Drug laboratory at Kansas University:

Prof. L. E. Sayre, director of drug analyses, Lawrence.

Food laboratory at Kansas Agricultural College:

Prof. J. T. Willard, director of food analyses, Manhattan.

Bacteriologist:

S. E. Greenfield, M. D., Topeka.

Appropriations for fiscal year ending June 30, 1918:

Salaries.....	\$15,700
Miscellaneous.....	9,700
Water and sewage laboratory.....	5,000
Free distribution of antitoxins, etc.....	2,500
Suppression of communicable diseases.....	5,000
Public health exhibit car.....	2,000
Laboratory of hygiene.....	1,500
Division of child hygiene.....	7,600

48,900

Other sources of revenue:

Marriage fees.

Water and ice analyses fees.

Food and drug laboratories at Kansas University maintained by university maintenance fund, and food laboratory at Kansas Agricultural College maintained by agricultural college maintenance fund.

Publications issued by health department:

Monthly bulletin.

Biennial report.

KENTUCKY.**Board of health:**

J. G. South, M. D., president, Frankfort.
A. T. McCormack, M. D., secretary, Bowling Green.
W. W. Richmond, M. D., Clinton.
I. A. Shirley, M. D., Winchester.
C. A. Fish, M. D., Frankfort.
George T. Fuller, M. D., Mayfield.
H. H. Carter, M. D., Shelbyville.

Executive health officer:

*A. T. McCormack, M. D., secretary and executive officer, Bowling Green.

Chief sanitary inspector:

*J. N. McCormack, M. D., Bowling Green.

Bacteriologist:

*L. H. South, M. D., Bowling Green.

Sanitary engineer:

*D. P. Curry, M. D., Bowling Green.

Registrar of vital statistics:

*P. E. Blackerby, M. D., Bowling Green.

Appropriation for fiscal year ending Dec. 31, 1917, \$30,000.

Fiscal year ends June 30.

Publication issued by health department:

Monthly bulletin.

LOUISIANA.**Board of health:**

Oscar Dowling, M. D., president, New Orleans.
J. M. Mosely, M. D., vice president, Arcadia.
M. W. Swords, M. D., secretary, New Orleans.
T. T. Tarlton, M. D., Grand Coteau.
T. A. Roy, M. D., Mansura.
J. T. Abshire, M. D., Leroy.
B. A. Ledbetter, M. D., New Orleans.
L. C. Chamberlain, M. D., New Orleans.

Executive health officer:

*Oscar Dowling, M. D., president, New Orleans.

Medical inspector:

H. B. White, M. D., Gueydan.

Bacteriologist:

W. H. Seemann, M. D., New Orleans.

Registrar:

John H. Ellis, M. D., New Orleans.

Sanitary engineer:

John H. O'Neill, New Orleans.

Child hygiene:

Agnes Morris, New Orleans.

Analyst:

C. L. Clay, New Orleans.

Chemist:

J. Roy Keeny, New Orleans.

Appropriation for fiscal year ending June 30, 1918.....

\$30,000

Other source of revenue:

Fees from oil inspections, \$63,654.34 for year ended Dec. 31, 1916.

Publications issued by health department:

Monthly bulletin.

Quarterly bulletin.

Annual almanac.

Biennial report.

Fiscal year ends December 31.

*Full-time officer.

MAINE.**Board of health:**

G. M. Woodcock, M. D., president, Bangor.
 A. G. Young, M. D., secretary, Augusta.
 Prof. Marshall P. Cram, Brunswick.
 W. L. Haskell, M. D., Lewiston.
 Eugene W. Gass, Auburn.
 Charles A. Creighton, Thomaston.
 Paul S. Hill, M. D., Biddeford.

Executive health officer:

* A. G. Young, M. D., secretary and executive health officer, Augusta.

Laboratory of hygiene:

* Prof. Henry D. Evans, director, Augusta.

State registrar:

* A. G. Young, M. D., Augusta.

Appropriations for fiscal year ending Dec. 31, 1916:

Contingent expenses.....	\$7,000
Vital statistics.....	3,000
Laboratory of hygiene.....	6,500
Printing and binding.....	2,500
Epidemic or emergency fund.....	2,000

21,000

Publications issued by health department:

Bimonthly bulletin.
 Annual registration report.
 Biennial report.

MARYLAND.**Board of health:**

Wm. H. Welch, M. D., president, Baltimore.
 Albert C. Ritchie, attorney general, Baltimore.
 John S. Fulton, M. D., secretary, Baltimore.
 Nathan R. Gorter, M. D., Baltimore.
 Wm. W. Ford, M. D., Baltimore.
 John D. Blake, M. D., Baltimore.
 Tolley A. Biays, Baltimore.

Executive health officer:

* John S. Fulton, M. D., State health officer, Baltimore.

Bureau of communicable diseases:

C. Hampson Jones, M. D., chief, Baltimore.

Bureau of vital statistics:

Frederic V. Beidler, M. D., chief, Baltimore.

Food and drug commissioner:

Charles Caspari, jr., M. D., Baltimore.

Bureau of bacteriology:

Wm. Royal Stokes, M. D., chief, Baltimore.

Bureau of sanitary engineering:

Robert B. Morse, C. E., chief, Baltimore.

Bureau of chemistry:

* Wyatt W. Randall, M. D., chief, Baltimore.

Appropriation for fiscal year ending Sept. 30, 1917, \$123,500.

Publication issued by health department:

Annual report.

MASSACHUSETTS.**Public health council:**

Allan J. McLaughlin, M. D., chairman, Boston.
 David L. Edsall, M. D., Milton.
 W. J. Gallivan, M. D., South Boston.
 J. E. Lamoureux, M. D., Lowell.
 Prof. W. T. Sedgwick, Cambridge.
 Prof. G. C. Whipple, Cambridge.
 John T. Wheelwright, Boston.

MASSACHUSETTS—Continued.**Executive health officer:**

*Allan J. McLaughlin, M. D., commissioner of health, Boston.

Division of sanitary engineering:

*X. H. Goodnough, director and chief engineer, Boston.

Division of water and sewage laboratories:

*H. W. Clark, director and chemist, Boston.

Division of communicable diseases:

*E. R. Kelley, M. D., director, Boston.

Division of hygiene:

*Lyman A. Jones, M. D., director, Boston.

Division of food and drugs:

*Hermann C. Lythgoe, director and analyst, Boston.

Division of biologic laboratories:

Milton J. Rosenau, M. D., director and pathologist, Boston.

Antitoxin and vaccine laboratory:

*Rudolf Kohn, M. D., assistant director, Boston.

Wassermann laboratory:

W. A. Hinton, M. D., assistant director, Boston.

Epidemiologist:

*S. H. Osborn, Boston.

Bacteriologist:

*Edith A. Beckler, Boston.

Appropriations for fiscal year ended Nov. 30, 1916:

Salaries (specific).....	\$14,500
General expenses.....	18,240
Annual report.....	4,000
Division of hygiene.....	14,300
Epidemiologist, salary and expenses...	3,000
Inspectors of health.....	38,800
Diagnostic laboratory.....	5,730
Antitoxin and vaccine.....	29,000
Ophthalmia neonatorum.....	1,000
Food and drug inspection.....	17,500
Slaughtering inspection and cold storage.....	12,000
Water supply and sewage disposal.....	56,800
State examiners of plumbers.....	5,200
Nonpulmonary tuberculosis.....	500
Syphilis (manufacture or purchase of dioxylaminoarsenobenzol).....	10,000
Printing special milk report.....	700
Causation of infantile paralysis.....	5,000
Aftercare of infantile paralysis.....	5,000
	241,270

Publications issued by health department:

Monthly bulletin.
 Annual report.

MICHIGAN.**Board of health:**

Victor C. Vaughan, M. D., president, Ann Arbor.
 Edward T. Abrams, M. D., vice president, Hancock.
 R. M. Olin, M. D., secretary, Lansing.
 Andrew P. Biddle, M. D., Detroit.
 Wm. D. Farley, Battle Creek.
 Guy L. Kiefer, M. D., Detroit.
 Wm. F. English, M. D., Saginaw.

* Full-time officer.

MICHIGAN—Continued.**Executive health officer:**

* R. M. Olin, M. D., secretary and executive officer, Lansing.

Bacteriologist:

* A. A. Spoor, M. D., Lansing.

Bacteriologist:

* E. R. Chambers, B. S., Houghton.

Sanitary engineer:

* E. D. Rich, C. E., Lansing.

Appropriations for fiscal year ended June 30, 1916:

General appropriation.....	\$15,000.00
Clerical hire.....	12,000.00
Laboratories.....	11,000.00
Tuberculosis survey.....	50,000.00
	<hr/>
	88,000.00
From general fund of State for salaries and expenses.....	15,682.28
	<hr/>
	103,682.28

Publications issued by health department:

Monthly bulletin.

Annual report.

MINNESOTA.**Board of health:**

W. A. Jones, M. D., president, Minneapolis.
Christopher Graham, M. D., vice president, Rochester.
Egil Boeckmann, M. D., St. Paul.
Chas. L. Scofield, M. D., Benson.
Werner Hemsted, M. D., Brainerd.
F. N. Hunt, M. D., Fairmont.
D. N. Jones, M. D., Minneapolis.
C. W. More, M. D., Eveleth.
L. P. Wolff, St. Paul.

Executive health officer:

* H. M. Bracken, M. D., secretary and executive officer, St. Paul.

Division of records:

* O. C. Pierson, director, St. Paul.

Division of preventable diseases:

* A. J. Chesley, M. D., director, Minneapolis.

Pasteur institute:

* O. C. McDaniel, M. D., chief; assistant director of division of preventable diseases, Minneapolis.

Division of sanitation:

* H. A. Whittaker, director, Minneapolis.

Division of vital statistics:

Mrs. Gerda C. Pierson, director, St. Paul.

Appropriations for fiscal year ending July 31, 1918:

General fund.....	\$17,772
Vital statistics.....	10,000
Communicable diseases.....	20,000
Laboratories.....	30,000
Pasteur institute.....	7,000
Sanitary engineering.....	7,000
Free antitoxin.....	7,000
Prevention of blindness.....	1,000
Infectious-disease carriers.....	500
Infantile paralysis.....	25,000
	<hr/>
	125,272

* Full-time officer.

MINNESOTA—Continued.**Other source of revenue:**

Aid from county and city for branch laboratory at Duluth, \$1,200.

Aid from physicians for branch laboratory at Mankato.

Publications issued by health department:

Monthly bulletin on deaths.

Biennial report.

MISSISSIPPI.**Board of health:**

C. D. Mitchell, M. D., president, Pontotoc.
T. F. Elkin, M. D., Tupelo.
L. L. McDougal, M. D., Booneville.
J. H. McNeil, M. D., Olive Branch.
S. E. Eason, M. D., New Albany.
T. W. Reagan, M. D., Union.
W. W. Hall, M. D., Gunnison.
S. W. Glass, M. D., Lyon.
T. H. Seay, M. D., Laurel.
H. F. Garrison, M. D., Seminary.
B. L. Crawford, M. D., Tylertown.
J. H. Johnson, M. D., Brookhaven.
W. H. Watson, M. D., Brandon.

Executive health officer:

* W. S. Leathers, M. D., secretary and executive officer, Jackson.

Sanitary inspector:

* Willis Walley, M. D., Jackson.

Deputy State registrar and assistant secretary:

* R. W. Hall, M. D., Jackson.

Hygienic laboratory:

C. R. Stingily, M. D., director, Jackson.

Appropriations for fiscal year ending Dec. 31, 1917:

Miscellaneous.....	\$12,000
Vital statistics.....	6,000
Municipal sanitation.....	3,200
Rural sanitation.....	5,000
Hygienic laboratory.....	6,000
Prevention of blindness in the new born.....	300
	<hr/>
	32,500

Other sources of revenue:

From international health board for eradication of malaria, 1917..... 41,000

From international health board for rural sanitation work, 1917..... 6,660

Publications issued by health department:

Monthly bulletin.

Biennial report.

MISSOURI.**Board of health:**

F. H. Matthews, M. D., president, Liberty.
T. H. Wilcoxen, M. D., vice president, Bowling Green.
George H. Jones, M. D., secretary, Jefferson City.
M. R. Hughes, M. D., St. Louis.
T. A. Son, M. D., Bonne Terre.
G. O. Cuppidge, M. D., Moberly.
W. J. Ferguson, M. D., Sedalia.

Executive health officer:

* George H. Jones, M. D., secretary, Jefferson City.

MISSOURI—Continued.**Bacteriologist:**

*George H. Jones, M. D., Jefferson City.

Statistician:

C. J. Kaiser, Jefferson City.

Appropriations for biennial period ending Dec. 31, 1918:

Board of health fund.....	\$15,000
Bureau of vital statistics, salaries.....	21,600
Printing.....	7,000
Postage.....	3,500
Contagious diseases.....	2,000
Office expenses.....	1,950
Laboratory expenses.....	1,500
	<hr/>
	52,550

Publications issued by health department:

Quarterly bulletin.

Annual report.

MONTANA.**Board of health:**

D. J. Donohue, M. D., president, Butte.
 W. F. Cogswell, M. D., secretary, Helena.
 S. V. Stewart, governor, Helena.
 S. C. Ford, attorney general, Helena.
 W. J. Butler, State veterinarian, Helena.
 E. F. Maginn, M. D., Butte.
 S. A. Cooney, M. D., Helena.

Executive health officer:

*W. F. Cogswell, M. D., secretary and executive officer, Helena.

Child-welfare division:

Margaret Hughes, director, Helena.

Water and sewage laboratory and food and drug laboratory:

W. M. Cobleigh, director, Bozeman.

Food and drug division:

H. M. Shea, director, Helena.

Inspector water plants:

F. J. O'Donnell, Helena.

Bacteriological laboratory:**Appropriation for health department:**

Salaries (specific).....	\$6,600
Board of health expenses.....	4,000
Bacteriology.....	5,000
Infantile-paralysis work.....	4,000
Water analysis and inspection of water plants.....	4,000
Food and water laboratory.....	5,000
Enforcing food and drug law.....	6,000
Board of entomology (spotted-fever work).....	5,000
	<hr/>
	39,600

Other source of revenue:

Fees for embalmers' licenses.

Fiscal year ends February 28.**Publications issued by health department:**

Monthly bulletin.

Biennial report.

NEBRASKA.**Board of health:**

Keith Neville, governor, Lincoln.
 Willis E. Reed, attorney general, Lincoln.

NEBRASKA—Continued.**Board of health—Continued.**

W. H. Clemmons, superintendent of public instruction, Lincoln.

Board of secretaries:

C. T. Burchard, M. D., president, Falls City.
 H. B. Cummins, M. D., vice president, Seward.
 L. Stark, M. D., treasurer, Hartington.
 E. A. Carr, M. D., secretary, Lincoln.

Executive health officer:

*James D. Case, M. D., State health inspector, Lincoln.

Pathologist and bacteriologist:

*Wm. F. Wild, M. D., Lincoln.

Appropriations for biennial period ended Mar. 31, 1917:

Salaries.....	\$11,760
Office expenses.....	5,500
Traveling expenses of inspector.....	500
Laboratory expenses.....	2,000
	<hr/>
	19,760

Other source of revenue:

Certified copies of births and deaths, 50 cents each.

Publication issued by health department:

Quarterly bulletin.

NEVADA.**Board of health:**

W. H. Hood, M. D., president, Reno.
 S. L. Lee, M. D., secretary, Carson City.
 R. H. Mullin, M. D., Reno.

Executive health officer:

*S. L. Lee, M. D., secretary, Carson City.

State hygienic laboratory at State university:

R. H. Mullin, M. D., director, Reno.

Appropriation for fiscal year ending Dec. 31, 1917, \$3,250.**Publication issued by health department:**

Biennial report.

NEW HAMPSHIRE.**Board of health:**

Robert Fletcher, C. E., president, Hanover.
 Irving A. Watson, M. D., secretary, Concord.
 Henry W. Keyes, governor, Haverhill.
 James P. Tuttle, attorney general, Manchester.
 George C. Wilkins, M. D., Manchester.
 D. E. Sullivan, M. D., Concord.

Executive health officer:

*Irving A. Watson, M. D., secretary, Concord.

Laboratory of hygiene:

*Irving A. Watson, M. D., director, Concord.

Appropriations for fiscal year ending Aug. 31, 1918:

State board of health.....	\$15,050
Laboratory of hygiene.....	9,300
Vital statistics.....	1,800
State sanatorium.....	34,000
Board of commissioners of lunacy.....	800
	<hr/>
	60,950

Publications issued by health department:

Quarterly bulletin.

Biennial report.

* Full-time officer.

NEW JERSEY.**Board of health:**

Wm. H. Chew, president, Salem.
 E. A. Ayers, M. D., vice president, Branchville.
 Frederick T. Crane, C. E., Orange.
 Oliver Kelly, Oak Tree.
 J. Oliver McDonald, M. D., Trenton.
 Clyde Potts, C. E., Morristown.
 Henry Spence, M. D., Jersey City.
 H. E. Winter, M. D., Plainfield.

Executive health officer:

*Jacob C. Price, M. D., director of health
 Trenton.

Laboratory of hygiene:

*R. B. Fitz-Randolph, chief, Trenton.

Division of general administration:

*Charles J. Merrell, chief, Trenton.

Bureau of food and drugs:

*Wm. G. Tice, chief, Trenton.

Division of milk control:

*George W. McGuire, chief, Trenton.

Bureau of medical supervision:

*A. C. Hunt, M. D., chief, Trenton.

Bureau of education and publicity:

*A. C. Hunt, M. D., chief pro tem, Trenton.

Division of child hygiene:

*Bertha F. Johnson, M. D., chief, Trenton.

Bureau of local health administration:

*David C. Bowen, chief, Trenton.

Bureau of engineering:

*Chester G. Wigley, chief, Trenton.

Bureau of vital statistics:

*David S. South, chief, Trenton.

Appropriation for fiscal year ended Oct. 31, 1916,
 \$128,000.

Publications issued by health department:

Monthly bulletin.
 Annual report.

NEW MEXICO.**Board of health:**

J. A. Massie, M. D., president, Santa Fe.
 Joseph S. Cipes, M. D., vice president, Albuquerque.
 R. K. McClanahan, M. D., secretary and treasurer, East Las Vegas.
 H. A. Ingalls, M. D., Roswell.
 M. D. Taylor, Aztec.
 H. Austin Stroup, M. D., Artesia.
 C. H. Ferguson, M. D., Tucumcari.

Executive health officer:

R. K. McClanahan, M. D., secretary and treasurer, East Las Vegas.

Fiscal year ends December 31.

NEW YORK.**Public health council:**

Hermann M. Biggs, chairman, Albany.
 Joseph A. Warren, secretary, New York City.
 Homer Folks, New York City.
 Simon Flexner, M. D., New York City.
 Prof. Henry N. Ogden, Ithaca.
 T. Mitchell Prudden, M. D., New York City.
 Wilhelm Gaertner, M. D., Buffalo.
 Mrs. Ella L. Blair, Port Chester.

NEW YORK—Continued.**Executive health officer:**

Hermann M. Biggs, M. D., commissioner of health, Albany.

Deputy commissioner of health:

*Matthias Nicoll, M. D., Albany.

Secretary:

*John A. Smith, M. D., Albany.

Executive clerk:

*Fenimore D. Beagle, Albany.

Division of sanitary engineering:

*Theodore Horton, director, Albany.

Division of vital statistics:

*Otto R. Eichel, M. D., director, Albany.

Division of child hygiene:

H. L. K. Shaw, M. D., director, Albany.

Division of communicable diseases:

*Fred M. Meader, M. D., director, Albany.

Division of laboratories and research:

*Augustus B. Wadsworth, M. D., director,
 Albany.

Appropriations for fiscal year ending June 30, 1917:

Personal services.....	\$344,160
Fuel, light, and water.....	3,000
Printing.....	43,300
Equipment.....	18,000
Supplies.....	22,200
Traveling expenses.....	47,700
Communication.....	15,200
General plant.....	2,000
Rent, branch offices.....	2,480
	498,040

Other source of revenue:

Fees from cold-storage licenses, fines, etc., and from certified transcripts of birth, death, and marriage certificates, approximately \$2,000 a year.

Publications issued by health department:

Monthly health news.
 Fortnightly official bulletin.

NORTH CAROLINA.**Board of health:**

J. Howell Way, M. D., president, Waynesville.
 Richard H. Lewis, M. D., Raleigh.
 J. L. Ludlow, C. E., Winston-Salem.
 W. O. Spencer, M. D., Winston-Salem.
 Thomas E. Anderson, M. D., Statesville.
 Charles O'H. Laughinghouse, M. D., Greenville.
 Edward J. Wood, M. D., Wilmington.
 F. R. Harris, M. D., Henderson.
 Cyrus Thompson, M. D., Jacksonville.

Executive health officer:

*W. S. Rankin, M. D., secretary and treasurer,
 Raleigh.

Bureau of rural sanitation:

*G. M. Cooper, M. D., chief, Raleigh.

Deputy State registrar:

*J. R. Gordon, M. D., Raleigh.

Bureau of engineering and education:

*W. H. Booker, C. E., chief, Raleigh.

Laboratory of hygiene:

*C. A. Shore, M. D., director, Raleigh.

* Full-time officer.

NORTH CAROLINA—Continued.

State tuberculosis sanatorium:

*L. B. McBrayer, M. D., superintendent, Sanatorium.

Life extension work:

*A. J. Ellington, M. D., director, Raleigh.

Appropriations for fiscal year ending Nov. 30, 1917:

State board of health.....	\$37,500
Vital statistics.....	10,000
Laboratory of hygiene.....	12,500
Tuberculosis sanatorium.....	30,000
School inspection.....	10,000
Rural sanitation.....	15,000
Control of diseases.....	4,000
Prevention of blindness.....	3,000
	<hr/> 122,000

Other sources of revenue:

Counties, for medical inspection of schools and typhoid vaccination, 1916. \$5,170
Wilson County, soil pollution work, 1917. 3,600
International health commission, 1917.. 3,600

Publications issued by health department:

Monthly bulletin.
Biennial report.

NORTH DAKOTA.

Board of health:

Wm. Langer, attorney general, president, Bismarck.

A. M. Call, M. D., vice president, Rugby.

C. J. McGurran, M. D., secretary, Devils Lake.

Executive health officer:

C. J. McGurran, M. D., secretary, Devils Lake.

Appropriations for fiscal year ending June 30, 1917.

Salaries (specific).....	\$1,800
Miscellaneous.....	500
	<hr/> 2,300

Publications issued by health department:

Quarterly bulletin.
Biennial report.

OHIO.

Board of health:

H. T. Sutton, M. D., vice president, Zanesville.

Joseph McGhee, attorney general, Columbus.

Wm. T. Miller, M. D., Cleveland.

Homer C. Brown, M. D., Columbus.

Oscar Hasencamp, M. D., Toledo.

J. Morton Howell, M. D., Dayton.

W. W. Ryall, M. D., Youngstown.

McKendree Smith, M. D., Grandview Heights, R. D., Columbus.

Executive health officer:

*James E. Bauman, secretary and executive officer, Columbus.

Chief engineer:

*W. H. Dittoe, Columbus.

Division of laboratories:

*L. H. Van Buskirk, director, Columbus.

Division of public health, education, and tuberculosis:

*J. R. McDowell, M. D., director, Columbus.

Division of communicable diseases:

*F. G. Boudreau, M. D., director, Columbus.

OHIO—Continued.

Division of industrial hygiene:

*R. P. Albaugh, M. D., director, Columbus.

Division of child hygiene:

*F. M. Hollingshead, M. D., director, Columbus.

State plumbing inspector:

*W. C. Groeniger, Columbus.

Appropriations for fiscal year ending June 30, 1918:

Personal service.....	\$91,230
Maintenance.....	36,775
	<hr/> 128,005

Publications issued by health department:

Monthly bulletin.
Annual report.

OKLAHOMA.

Executive health officer:

J. W. Duke, M. D., State commissioner of health, Guthrie.

*C. J. Kendle, assistant commissioner of health.

Chemist:

*R. E. Andrew, Guthrie.

Bacteriologist:

*A. E. Oldham, Guthrie.

Appropriations for fiscal year ending June 30, 1918:

Salaries.....	\$16,120
Biological products.....	7,500
Contingent expenses.....	5,000
Printing.....	2,000
Pure food and drug division.....	20,000
Sanitary inspection.....	2,500
Laboratory.....	5,000
	<hr/> 58,120

Publication issued by health department:

Annual report.

OREGON.

Board of health:

A. C. Seely, M. D., president, Roseburg.

M. B. Marcellus, M. D., vice president, Portland.

David N. Roberg, M. D., secretary, Portland.

Andrew C. Smith, M. D., Portland.

H. E. Clay, M. D., Salem.

C. T. Bacon, M. D., La Grande.

R. J. Marsh, M. D., Portland.

Executive health officer:

*David N. Roberg, M. D., secretary and State health officer, Portland.

Registrar of vital statistics:

*David N. Roberg, M. D., Portland.

Acting State bacteriologist:

Miss Emma Howe, Portland.

Appropriation for fiscal year ending Dec. 31, 1917, \$12,500.

Publications issued by health department:

Annual report.
Biennial report.

PENNSYLVANIA.

Advisory board:

Adolph Koenig, M. D., Pittsburgh.

Lee Masterton, C. E., Johnstown.

* Full-time officer.

PENNSYLVANIA—Continued.**Advisory board—Continued.**

Charles B. Penrose, M. D., Philadelphia.
 Daniel P. Gerberich, M. D., Lebanon.
 Clarence J. Marshall, V. M. D., Harrisburg.
 Edgar M. Green, M. D., Easton.

Executive health officer:

*Samuel G. Dixon, M. D., LL. D., Sc. D., commissioner of health, Harrisburg.

Assistant to commissioner:

*Thomas W. Jackson, M. D., Harrisburg.

Secretary:

*J. O. Hauser, Harrisburg.

Division of medical inspection:

*B. Franklin Royer, M. D., chief medical inspector, Harrisburg.

Laboratories and experimental station:

*J. B. Rucker, jr., M. D., chief of the laboratories, Philadelphia.

Division of sanatoria:

*F. C. Johnson, M. D., medical director, Sanatorium for Tuberculosis No. 1, Mont Alto.
 *W. G. Turnbull, M. D., medical director, Sanatorium for Tuberculosis No. 2, Cresson.
 *T. H. A. Stites, M. D., medical director, Sanatorium for Tuberculosis No. 3, Hamburg.

Division of tuberculosis dispensaries:

*Karl Schaffle, M. D., medical inspector, Harrisburg.

Division of distribution of biological products:

*J. Moore Campbell, M. D., chief, Harrisburg.

Division of sanitary engineering:

*C. A. Emerson, jr., acting chief engineer, Harrisburg.

Bureau of vital statistics:

*Wilmer R. Batt, M. D., State registrar, Harrisburg.

Division of housing:

*John Molitor, acting chief, Philadelphia.

Division of public service:

*Edward Stuart, chief, Harrisburg.

Division of accounting and purchasing:

*E. I. Simpson, chief, Philadelphia.

Division of supplies:

*Charles Hartzell, superintendent, Harrisburg.

Appropriation for biennial period ending May 31, 1917, \$4,363,431.45.

Fiscal year ends May 31.

PHILIPPINE ISLANDS.**Council of hygiene, advisory board to the director of health:**

Fernando Calderon, M. D., president, Manila.
 Manuel Gomez, M. D., secretary, Manila.
 Manuel Guerrero, M. D., Manila.
 Jose Albert, M. D., Manila.
 Benito Valdez, M. D., Manila.
 Jose Escaler, M. D., Manila.
 Tomas Earnshaw, Manila.

Executive health officer:

*John D. Long, M. D., director of health and chief quarantine officer, Manila.

Assistant director of health:

*Vicente de Jesus, M. D., Manila.

PHILIPPINE ISLANDS—Continued.**Division of provincial sanitation:**

*Paul Clements, M. D., chief, Manila.

Division of city of Manila sanitation:

*Salvador V. del Rosario, M. D., chief, Manila.

Office of statistics:

*Manuel Gomez, M. D., chief, Manila.

Office of sanitary engineering:

*Edward L. Barber, chief, Manila.

Office of hygienic and industrial development:

*Mamerto Tiano, acting chief, Manila.

Office of district nursing:

*Miss Pearlletta Clark, chief, Manila.

Clerical office:

*Michael J. Walsh, acting chief, Manila.

Office of property:

*B. D. Burnham, chief, Manila.

Appropriation for fiscal year ending Dec. 31, 1917, \$604,043.

Publications issued by health service:

Quarterly report.

Annual report.

PORTO RICO.**Board of health:**

Francisco del Valle Atilas, M. D., president, San Juan.

Jose Lugo-Vina, M. D., secretary, San Juan.

J. N. Carbonell, M. D., San Juan.

Jorge V. Dominguez, San Juan.

Eliseo Font y Guillot, M. D., San Juan.

J. J. Monclova, Rio Piedras.

Gustavo Munoz Diaz, San Juan.

Executive health officer:

Wm. F. Lippitt, M. D., commissioner of health, San Juan.

Division of property and accounts:

F. D. McCown, chief, San Juan.

Sanitary engineer:

W. P. C. Lippitt, San Juan.

Division of transmissible diseases and bacteriological laboratory:

J. Gomez Brioso, M. D., chief, San Juan.

Bacteriological laboratory:

F. J. Hernandez, M. D., director, San Juan.

Chemical laboratory:

R. del Valle Sarraga, M. D., director, San Juan.

Appropriations for fiscal year ending June 30, 1917:

Department of health (proper), salaries and contingent expenses....	\$150,440.00
Leper colony.....	13,299.50
Quarantine hospital.....	2,452.00
Mosquito extermination.....	27,000.00
Suppression of anemia.....	8,000.00
Emergency fund for control and suppression of epidemics.....	8,877.98
Suppression of measles.....	50,000.00
Trust funds for control and suppression of epidemics.....	3,000.00
Insane asylum.....	22,355.67
Blind asylum.....	8,183.77
	<hr/> 293,608.92

Publication issued by health department:

Annual report.

*Full-time officer.

RHODE ISLAND.**Board of health:**

John H. Bennett, M. D., president, Pawtucket.
 Alexander B. Briggs, M. D., Ashaway.
 Rev. George L. Locke, Bristol.
 R. Morton Smith, M. D., Riverpoint.
 Wm. L. Harris, M. D., Providence.
 Thomas J. McLaughlin, M. D., Woonsocket.
 Norman M. MacLeod, M. D., Newport.

Executive health officer:

Gardner T. Swarts, M. D., secretary and State registrar, Providence.

Pathologist:

*Harry S. Bernstein, M. D., Providence.

Chemist:

Stephen DeM. Gage, Providence.

Appropriations for fiscal year ended Dec. 31, 1916:

State board of health.....	\$9,500
Pathological laboratory.....	9,500
Chemical laboratory.....	5,500

24,500

Publications issued by health department:

Quarterly bulletin.

Annual report of births, deaths, and marriages.

SOUTH CAROLINA.**Board of health:**

Robert Wilson, jr., M. D., chairman, Charleston.

James A. Hayne, M. D., secretary, Columbia.

D. B. Frontis, M. D., Ridge Spring.

C. C. Gambrell, M. D., Abbeville.

E. A. Hines, M. D., Seneca.

W. J. Burdell, M. D., Lugoff.

Wm. Egleston, M. D., Hartsville.

W. M. Lester, M. D., Columbia.

W. W. Dodson, M. D., Greenville.

Thomas H. Peeples, attorney general, Columbia.

C. W. Sawyer, comptroller general, Columbia.

Executive health officer:

*James A. Hayne, M. D., secretary and State health officer, Columbia.

Laboratory:

*F. A. Coward, M. D., director, Columbia.

Rural community work:

*L. A. Riser, M. D., director, Columbia.

State registrar:

*James A. Hayne, M. D., Columbia.

Appropriations for fiscal year ending Dec. 31, 1917:

Salaries.....	\$8,176.25
Contingent fund for contagious diseases.....	20,000.00
Miscellaneous.....	4,000.00
Vital statistics.....	5,000.00
Intensive county health work.....	7,000.00
Tuberculosis camp.....	30,000.00

74,176.25

Publication issued by health department:

Annual report.

SOUTH DAKOTA.**Board of health:**

F. E. Ashcroft, M. D., president, Deadwood.

E. W. Fiege, M. D., vice president, Huron.

SOUTH DAKOTA—Continued.**Board of health—Continued.**

Park B. Jenkins, M. D., superintendent, Wau-bay.

H. R. Kenaston, M. D., Bonesteel.

W. E. Daniels, M. D., Madison.

Executive health officer:

Park B. Jenkins, M. D., superintendent and executive officer, Wau-bay.

Laboratory:

Mortimer Herzberg, M. D., director, Vermilion.

Appropriations for fiscal year ending June 30, 1917:

Salaries.....	\$2,900
Printing.....	1,000
Miscellaneous.....	5,500
Antitoxin and biological products.....	1,500

10,900

Publications issued by health department:

Quarterly bulletin.

Biennial report.

TENNESSEE.**Board of health:**

R. E. Fort, M. D., president, Nashville.

W. J. Miller, M. D., vice president, Johnson City.

V. A. Biggs, M. D., Martin.

H. K. Bryson, Nashville.

Executive health officer:

*R. Q. Lillard, M. D., secretary and executive officer, Lebanon.

Registrar of vital statistics:

H. H. Shoulders, M. D., assistant secretary and State registrar, Nashville.

Director of rural sanitation:

Olin West, M. D., Nashville.

Bacteriologist:

Wm. Litterer, M. D., Nashville.

Pure food and drug inspector:

Harry L. Eskew, Nashville.

Appropriations for fiscal year ending Mar. 19, 1919:

Laboratory.....	\$6,000
Epidemic fund.....	7,000
Vital statistics.....	16,000
Rural sanitation.....	20,000
Office expenses.....	2,000
Salaries.....	4,500

55,500

Other source of revenue:

International health commission, rural sanitation, \$20,000.

TEXAS.**Board of health:**

W. B. Collins, M. D., president, Austin.

L. W. Hollis, M. D., Abilene.

L. M. Weinfield, M. D., San Antonio.

B. E. Knolle, M. D., Industry.

W. D. Littler, M. D., Fort Worth.

H. J. Childress, M. D., Gilmer.

E. M. Wood, M. D., Hutto.

Executive health officer:

*W. B. Collins, M. D., president and State health officer, Austin.

*Full-time officer.

TEXAS—Continued.

Registrar of vital statistics and secretary State board of health:

*W. A. Davis, M. D., Austin.

Chemist and bacteriologist:

G. M. Graham, M. D., Austin.

Quarantine department:

*A. L. Lincecum, M. D., Austin.

Sanitary engineer:

*V. M. Ehlers, Austin.

Department of rural sanitation:

*P. W. Covington, M. D., Austin.

Appropriation for biennial period ending

Aug. 31, 1919..... \$200,840

Special appropriation for rural sanitation.. 70,000

Special appropriation for bureau of vital statistics..... 8,000

278,840

Publication issued by health department:

Biennial report.

UTAH.

Board of health:

Fred Stauffer, M. D., president, Salt Lake City.

T. B. Beatty, M. D., secretary, Salt Lake City.

H. K. Merrill, M. D., Logan.

Ezra Rich, M. D., Ogden.

C. E. McDermid, M. D., Winter Quarters.

A. F. Doremus, C. E., Salt Lake City.

F. S. Bascom, M. D., Salt Lake City.

Executive health officer:

*T. B. Beatty, M. D., State health commissioner, Salt Lake City.

Appropriations for biennial period ending Mar. 31, 1919:

Salaries..... \$12,800

Contingent expenses..... 10,000

Vital statistics..... 2,500

25,300

Publications issued by health department:

Quarterly bulletin.

Biennial report.

Fiscal year ends December 31.

VERMONT.

Board of health:

Charles S. Caverly, M. D., president, Rutland.

F. Thomas Kidder, M. D., treasurer, Woodstock.

Charles F. Dalton, M. D., secretary, Burlington.

Executive health officer:

*Charles F. Dalton, M. D., secretary and executive officer, Burlington.

Laboratory of hygiene:

B. H. Stone, M. D., director, Burlington.

Sanitary engineer:

Prof. J. W. Votey, Burlington.

Sanitary inspector:

Henry A. Ladd, M. D., Burlington.

Appropriation for fiscal year ending June 30, 1918, \$42,000.

Other source of revenue:

Private donation for study and treatment of infantile paralysis.

VERMONT—Continued.

Publications issued by health department

Quarterly bulletin.

Biennial report.

VIRGINIA.

Board of health:

W. M. Smith, M. D., president, Alexandria.

S. W. Hobson, M. D., vice president, Newport News.

J. B. Fisher, M. D., secretary, Midlothian.

W. W. Baker, Hallsboro.

A. G. Crockett, M. D., Max Meadows.

W. F. Drewry, M. D., Petersburg.

T. C. Firebaugh, M. D., Harrisonburg.

Guy R. Harrison, D. D. S., Richmond.

Lewis E. Harvie, M. D., Danville.

George B. Lawson, M. D., Roanoke.

Stuart McGuire, M. D., Richmond.

L. T. Royster, M. D., Norfolk.

Beverly R. Tucker, M. D., Richmond.

Reid White, M. D., Lexington.

Executive health officer:

*Ennion G. Williams, M. D., State health commissioner, Richmond.

Assistant health commissioner:

*W. A. Brumfield, M. D.

Registrar of vital statistics:

*W. A. Flecker, M. D., Richmond.

Bacteriologist:

*J. O. Fitzgerald, jr., M. D., Richmond.

Sanitary engineer:

*Richard Messer, C. E., Richmond.

Director of publicity:

Douglas S. Freeman, Ph. D., Richmond

Appropriations for fiscal year ended Feb. 28, 1917:

State board of health..... \$35,000

Vital statistics..... 6,200

Publicity..... 1,000

Investigation of communicable diseases..... 5,000

Trachoma hospital at Coeburn..... 1,200

Community sanitation for rural sections..... 7,200

Tuberculosis educational work..... 5,000

60,600

Other sources of revenue:

Fees for hotel inspections..... \$2,089.47

Metropolitan Life Insurance Co., one-half salary and traveling expenses of

supervising nurse..... 735.85

Publications issued by health department:

Monthly bulletin.

Annual report.

WASHINGTON.

Board of health:

F. R. Hedges, M. D., president, Everett.

Wilson Johnston, M. D., Spokane.

H. T. Graves, D. V. S., Olympia.

Mrs. R. C. McCredie, Sunnyside.

WASHINGTON—Continued.**Executive health officer:**

*T. D. Tuttle, M. D., State commissioner of health and secretary State board of health, Seattle.

Sanitary inspector:

*T. R. Wilbur, Seattle.

Bacteriologist:

*M. K. Schumeister, M. D., Seattle.

Epidemiologist:

A. L. Windom, M. D.

Appropriation for biennial period ending Mar. 31, 1919, \$51,610.

Fiscal year ends Mar. 31.

Publication issued by health department:

Biennial report.

WEST VIRGINIA.**Public health council:**

_____, president.

S. L. Jepson, M. D., commissioner of health, Charleston.

J. L. Pyle, M. D., Chester.

F. F. Farnsworth, M. D., Frenchtown.

W. T. Henshaw, M. D., Martinsburg.

Executive health officer:

*S. L. Jepson, M. D., commissioner of health, Charleston.

Assistant commissioner of health:

H. B. Wood, M. D., Dr. P. H.

Division of preventable diseases:

_____, director.

Division of sanitary engineering:

*Mayo Tolman, B. S., director, Charleston.

Hygienic laboratory:

John N. Simpson, M. D., director, Morgantown.

Appropriation for fiscal year ending June 30, 1918, \$34,200.

Other source of revenue:

Fees from granting certificates to practice medicine.

Publications issued by health department:

Quarterly bulletin.

Annual report.

WISCONSIN.**Board of health:**

W. F. Whyte, M. D., president, Madison.

C. A. Harper, M. D., State health officer, Madison.

WISCONSIN—Continued.**Board of health—Continued.**

E. S. Hayes, M. D., Eau Claire.

C. H. Sutherland, M. D., Janesville.

C. A. Richards, M. D., Rhinelander.

Otho Fiedler, M. D., Sheboygan.

J. M. Furstman, M. D., La Crosse.

Executive health officer:

C. A. Harper, M. D., State health officer, Madison.

Division of general administration:

C. A. Harper, director, M. D., Madison.

Bureau of vital statistics:

*L. W. Hutchcroft, chief statistician, Madison.

Bureau of education:

*Louis W. Bridgman, chief clerk, Madison.

Laboratory of hygiene:

*W. D. Stovall, M. D., bacteriologist and acting director, Madison.

Appropriations for fiscal year ending June 30, 1917:

General administration..... \$35,000

Emergency appropriation for epidemics..... 7,500

Branch laboratory and State co-operative laboratories..... 2,500

Prevention of infantile blindness..... 1,500

Water survey..... 3,000

Licensing of embalmers, hotels and restaurants, plumbers, and barbers.. 31,641

81,141

Publications issued by health department:

Quarterly bulletin.

Biennial report.

WYOMING.**Board of health:**

C. Y. Beard, M. D., secretary, Cheyenne.

Herbert T. Harris, M. D., Basin.

Anna G. Hurd, M. D., Sheridan.

Executive health officer:

C. Y. Beard, M. D., secretary, Cheyenne.

Appropriations for fiscal year ended Mar. 31, 1917:

State board of health..... \$1,250

Vital statistics..... 500

1,750

Publication issued by health department:

Biennial report.

* Full-time officer.